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PATENT

Docket No. 112917-143

N THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/22/02

Applicants:

Jacques F. Banchereau et al.

RECEIVED

U.S. Serial No.:

10/042,644

AUG 0 8 2002

Filing Date:

January 8, 2002

FCU OF ....

Group Art Unit:

Not Yet Known

TECH CENTER 1600/2900

Examiner:

Not Yet Known

For:

Methods For Treating Autoimmune Diseases In A Subject

And In Vitro Diagnostic Assays

## Certificate of First Class Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on April 30, 2002.

Jane M. Love, Ph.D. Reg. No. 42,812

Assistant Commissioner for Patents Washington, D.C. 20231 Sir:

## INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the attention of the Examiner the following documents listed on the attached PTO Form 1449. This Information Disclosure Statement is being filed before the mailing date of any first Office Action on the merits, and is therefore submitted as both timely and proper.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO Form 1449 with the next Patent Office communication.

Applicants: Jacques F. Banchereau et al.

U.S. Serial No. 10/042,644

Filed: Jamuary 8, 2002

Page 2

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorney invites the Examiner to telephone at the number provided below.

No fees are believed to be due in connection with the filing of this Information

Disclosure Statement. However, the Commissioner is authorized to debit any necessary fee or credit any overpayment relating to this application to Deposit Account No. 08-0219.

Respectfully submitted,

Jane M. Love, Ph.D.

Reg. No. 42,812

Attorney for Applicants

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Fax: (212) 937-7300

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## **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Application Number	10/042,644	CHOCK	
Filing Date	January 8, 2002	CHIER	1600/290 <b>0</b>
First Named Inventor	Banchereau et a		300/2900
Art Unit	Not Yet Known		
Examiner Name	Not Yet Known		
Attorney Docket Number	112917-143		

		Page 1 of 2			
U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,423,147	12/27/83	Secher, D. et al.	
		US- 4,902,618	2/20/90	Kurt F. Berg	
		US- 5,196,323	3/23/93	Bodo, G. et al.	
		US- 5,554,512	9/10/96	Lyman, S. et al.	
		US- 5,843,423	12/1/98	Lyman, S. et al.	
		US- 5,919,453	7/6/99	Benoit, P. et al.	
		US- 6,136,309	10/24/00	Novick, D. et al.	
		US- 6,274,378	8/14/01	Steinman, R. et al.	
		US- 6,291,661	9/18/01	Graddis, T. et al.	:
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document  Country Code - Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т
		WO 01/49851	7/12/01	PCT		
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**Application Number** 

Complete if Known CH CENTER 1600/290

First Named Inventor Not Yet Known Art Unit Not Yet Known Examiner Name 112917-143 Attorney Docket Number

Filing Date

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

(use as many sheets as necessary)

	Page	e 2 of 2		
OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	т	
		Blanco, P. et al. "Induction of Dendritic Cell Differentiation by IFN-a in Systemic Lupus Erythematosus". 16 November 2001, vol 294, SCIENCE, pages 1540-1543.		
		Brod, S. et al. "Ingested IFN- $\alpha$ Preserves Residual $\beta$ Cell Function in Type 1 Diabetes". Journal of Interferon And Cytokine Research 21:1021-1030 (2001) Mary Ann Liebert, Inc.		
		Prud'homme, G. et al: "Gene therapy of autoimmune diseases with vectors encoding regulatory cytokines or inflammatory cytokine inhibitors". The Journal of Gene Medicine, J Gene Med 2000; 2: 222-232.		
		Shou-Nee, S. et al. "Serum interferon in systemic lupus erythematosus". British Journal of Dermatology (1987) 117, 155-159.		
		Suit, B.E. et al: "Detection of anti-interferon antibodies in systemic lupus erythematosus". <i>Clinical and Experimental Rheumatology</i> 1: 133-135, 1983.		
		Wang, S. et al. "A Unique Combination of Inflammatory Cytokines Enhances Apoptosis of Thyroid Follicular Cells and Transforms Nondestructive to Destructive Thyroiditis in Experimental Autoimmune Thyroiditis". The Journal of Immunology, 2002, 168: 2470-2474.	-	
		Wussow, von P. et al: "Presence of interferon and anti-interferon in patients with systemic lupus erythematosus". Rheumatol International (1988) 8: 225-230.		
		Ytterberg, S. et al: "Serum Interferon Levels In Patients With Systemic Lupus Erythematosus". Arthritis and Rheumatism, Vol. 25, No. 4 (April 1982).		
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